

Abstract:

Radiation-sensitive recording material having a structured back

The invention relates to a recording material for the production of offset printing plates, having a web- or plate-form support, a radiation-sensitive layer on the front of the support and a continuous, pigment particle-free layer on the back of the support. The back layer essentially consists of an organic polymeric material having a glass transition temperature  $T_g$  of at least  $45^\circ\text{C}$ , and its surface has a Bekk smoothness of from 5 to 800 s. It also relates to a process for the production of this recording material.

-. - . -

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100